

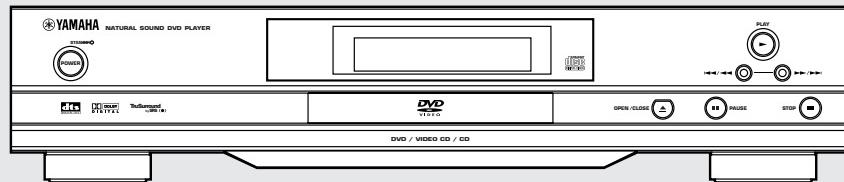


YAMAHA

DVD/VIDEO CD/CD PLAYER

DV-S5350

OWNER'S MANUAL





- ! This symbol** warns the user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this unit.
- ! This symbol** alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.

WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure.

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10.

Canada

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

IMPORTANT SAFETY INSTRUCTIONS

Read before operating equipment

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

- 1. Read these instructions** – All the safety and operating instructions should be read before the appliance is operated.
- 2. Keep these instructions** – The safety and operating instructions should be retained for future reference.
- 3. Heed all warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
- 4. Follow all instructions** – All operating and use instructions should be followed.
- 5. Do not use this apparatus near water** – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
- 6. Clean only with a damp cloth.** The appliance should be cleaned only as recommended by the manufacturer.
- 7. Install in accordance with the manufacturer's instructions. Do not block any of the ventilation openings.** For example, the appliance should not be situated on a bed, sofa, rug, or similar surface or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
- 8. Do not install near any heat sources** such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the

safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.



10. Protect the power cord

from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments/accessories

specified by the manufacturer.

12. Use only with a cart,



stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus

during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel.

Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

FCC INFORMATION (for US customers only)

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

2. IMPORTANT: When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

3. NOTE: This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the product "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Electronics Corp., 6600 Orangethorpe Ave. Buena Park, CA90622.

The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

We Want You Listening For A Lifetime

YAMAHA and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion - and, most importantly, without affecting your sensitive hearing.

Since hearing damage from loud sounds is often undetectable until it is too late, YAMAHA and the Electronic Industries Association's Consumer Electronics Group recommend you to avoid prolonged exposure from excessive volume levels.



LASER SAFETY

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION

**VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM
(WARNING LOCATION: INSIDE ON LASER COVERSHEILD OR THE BACKPLATE OF SET)**

LASER

Type	Semiconductor laser GaAlAs
Wave length	650 nm (DVD) 780 nm (VCD/CD)
Output Power	7 mW (DVD) 10 mW (VCD/CD)
Beam divergence	60 degree

**NOTE:
PICTURES SHOWN MAYBE DIFFERENT BETWEEN COUNTRIES.**

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

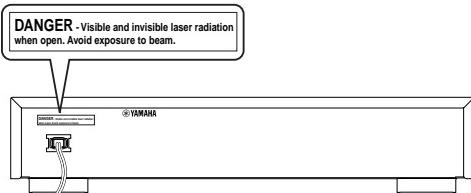
When playing DTS encoded CDs, excessive noise will be heard from the analog stereo outputs. To avoid possible damage to the audio system, the consumer should take proper precautions when the analog stereo outputs of the DVD player are connected to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1-channel DTS Digital Surround™ decoder system must be connected to the digital output of the DVD player.

For Customer Use:

Read carefully the information located at the bottom of your DVD-VIDEO player and enter below the Serial No. Retain this information for future reference.

Model No. _____

Serial No. _____



Contents

The region code for this set is 1.

Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. The disc will not play and should be unloaded.



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Introduction

Entertainment for the new millennium

Video was never like this before! Digital video discs provide perfect digital, studio-quality pictures; three dimensional digital, multi-channel audio; story sequences screened from your choice of camera angle; sound tracks in as many as eight languages; and up to 32 subtitles (if available on disc). Whether you watch DVD-Video on wide-screen or regular TV, you always see it the way it was meant to be.

Digital video

DVD-Video uses state-of-the-art MPEG2 data compression technology to register an entire movie on a single 5-inch disc. DVD's variable bitrate compression, running at up to 9.8 Mbits/second, captures even the most complex pictures in their original quality.

The crystal-clear digital pictures have a horizontal resolution of over 500 lines, with 720 pixels (picture elements) to each line. This resolution is more than double that of VHS, superior to Laser Disc, and entirely comparable with digital masters made in recording studios.

DVD-Video discs conform to either the PAL or NTSC video standard. This player can play both PAL and NTSC discs, presenting them in the best possible way on your multi-standard TV screen.

As the universal video system of the future, DVD-Video offers optimal pictures on any TV screen.

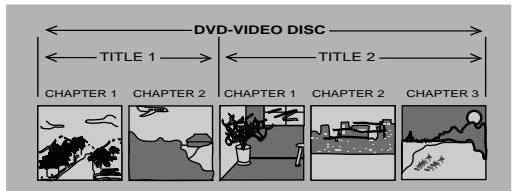
Introduction

Your DVD-Video player will play digital video discs conforming to the universal DVD-Video standard. With it, you will be able to enjoy full-length movies with true cinema picture quality, as well as stereo or multi-channel sound (depending on the disc and your playback setup). The unique features of DVD-Video, such as selection of sound track, subtitle languages and different camera angles (again depending on the disc), are all included. What's more, Child Lock lets you decide which discs your children will be able to see.

In addition to DVD-Video discs, you will be able to play all Video CDs and Audio CDs (including finalized CD Recordable and CD Rewritable).

You will find the On-Screen Display, player display, and remote control make the player easy to use. This manual provides all the information you will need, so read on!

DVD-Video



You will recognize DVD-Video discs by the logo shown on left. Depending on the material on the disc (a movie, video clips, a drama series, etc.) the disc may have one or more Titles. Each Title may have one or more Chapters. To make playback easy and convenient, your player lets you select Titles and playback Chapters.

Video CD



You will recognize Video CDs by the logo shown at left. Depending on the material on the disc (a movie, video clips, a drama series, etc.) the disc may have one or more tracks. Tracks may have one or more indexes, as indicated on the disc case. To make playback easy and convenient, your player lets you select tracks and indexes.

Super VCD

SVCD discs based on the Super VCD IO Standard based on the Standard of the Electronics Industry of the People's Republic of China.

Audio CD



Audio CDs contain music tracks only.

You will recognize Audio CDs by their logo which is shown at left.

You can play them in conventional style through a stereo system, using the keys on the remote control and/or front panel, or via the TV using the On-Screen Display (OSD).

Unpacking

First check and identify the contents of your DVD-Video player package.

You should have the following items.

- DVD-Video player
- Remote Control with batteries
- AC power cord
- Audio/Video cable
- Owner's manual

If any item is damaged or missing, contact your retailer.

Keep the packaging materials; you may need them to transport your player in the future.

Caution

- 1 To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
- 2 Install this unit in a well ventilated, cool, dry, and clean place with at least 2.5 cm above, behind and on the both sides of this unit - away from direct sunlight, heat sources, vibration, dust, moisture, and/or cold.
- 3 Position this unit away from other electrical appliances, motors and transformers to avoid humming sounds, do not place this unit where it may get exposed to rain or any kind of liquid to prevent fire or electrical shock.
- 4 Avoid extreme temperature swings or excessive use of humidifier in the room where this unit is installed to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, and/or personal injury.
- 5 Do not cover this unit with a newspaper, a tablecloth, a curtain, etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit and/or personal injury.
- 6 Avoid installing this unit in a place where foreign objects and liquid might fall. It might cause a fire, damage to this unit and/or personal injury. Do not place the following objects on this unit:
 - Other components, as they may cause damage and/or discoloration on the surface of this unit.
 - Burning objects (i.e., candles), as they may cause fire, damage to this unit and/or personal injury.
 - Containers with liquid in them, as they may cause an electrical shock to the user and/or damage to this unit.
- 7 Do not operate this unit upside-down. It may overheat, possibly causing damage.
- 8 Do not use force on switches, controls or connection cables. Never pull the cables when disconnecting them.
- 9 Only voltage specified on this unit must be used. Using this unit with a higher voltage than specified is dangerous and may result in fire or other accidents. YAMAHA will not be held responsible for any damage resulting from the use of this unit with a voltage other than that specified.

10 Do not attempt to clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.

11 Disconnect the power cord from the wall outlet when not planning to use this unit for a long period of time, or during an electrical storm, as they may cause damage by lightning.

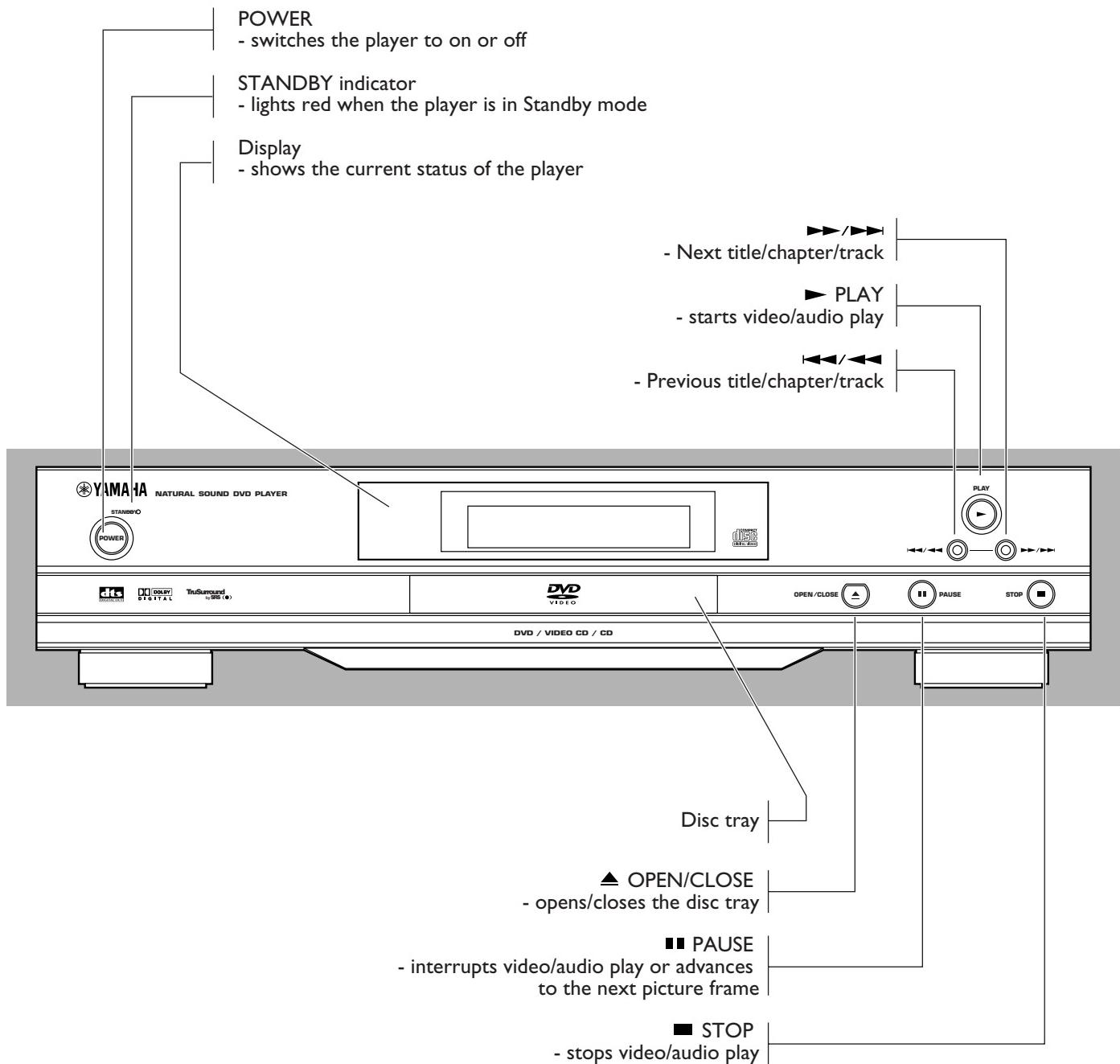
12 Do not attempt to modify or fix this unit. Contact the qualified YAMAHA service personnel when any service is needed. Cabinet should never be opened for any reasons.

13 Be sure to read 'Before requesting service' section regarding common operating errors before concluding that this unit is faulty.

14 When moving this unit, be sure to first disconnect the power cord from the AC outlet and disconnect all cords connecting this unit to other equipment.

Functional overview

Front panel



Rear panel

MAINS (AC) power jack
- connect to the power source

Caution : Do not use other AC power cords than the one provided.

DIGITAL OUT OPTICAL
- connect to digital (optical) equipment

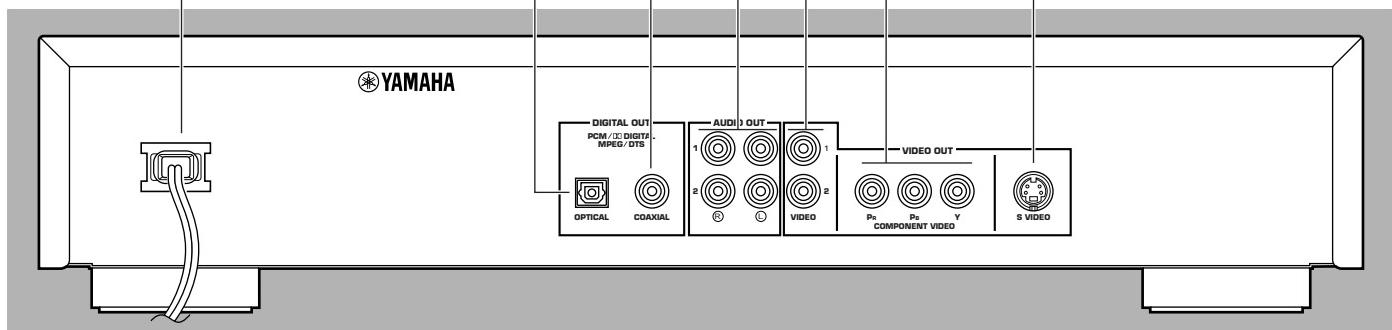
DIGITAL OUT COAXIAL
- connect to digital (coaxial) equipment

AUDIO OUT/ L/R (Left/Right)
- connect to an amplifier, receiver or stereo system

VIDEO OUT
- connect to a TV with CVBS video inputs

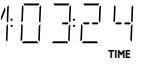
VIDEO OUT (Y P_R P_B)
- connect to your equipment Y, P_R, P_B inputs for better picture quality

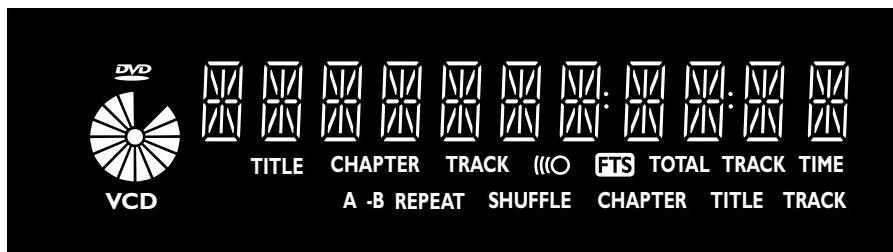
S VIDEO OUT
- connect to a TV with S-Video (Y/C) inputs



Caution: Do not touch the inner pins of the jacks on the rear panel connectors. Electrostatic discharge may cause permanent damage to the unit.

Display

	DVD inserted
	Video CD or Audio CD inserted
	Indicates current player function: Play, Pause, Search, etc.
	DVD TITLE number
	DVD CHAPTER number
	VCD/CD TRACK number
	TIME in hours, minutes and seconds (TRACK/TOTAL)



	REPEAT CHAPTER/TITLE/TRACK active
	Remote control active (flashing)
	FTS active
	REPEAT A-B active
	REPEAT active
	SHUFFLE active

Remote control

0-9 numerical key pad

ENTER / OK

- acknowledge menu selection

◀ ▶ △ ▽
- (left/right/up/down) cursor movement

ON SCREEN

- access or remove the menu bar display
- bit rate indicator

RETURN

- go back to previous menu



*
- search backward /
previous chapter or track



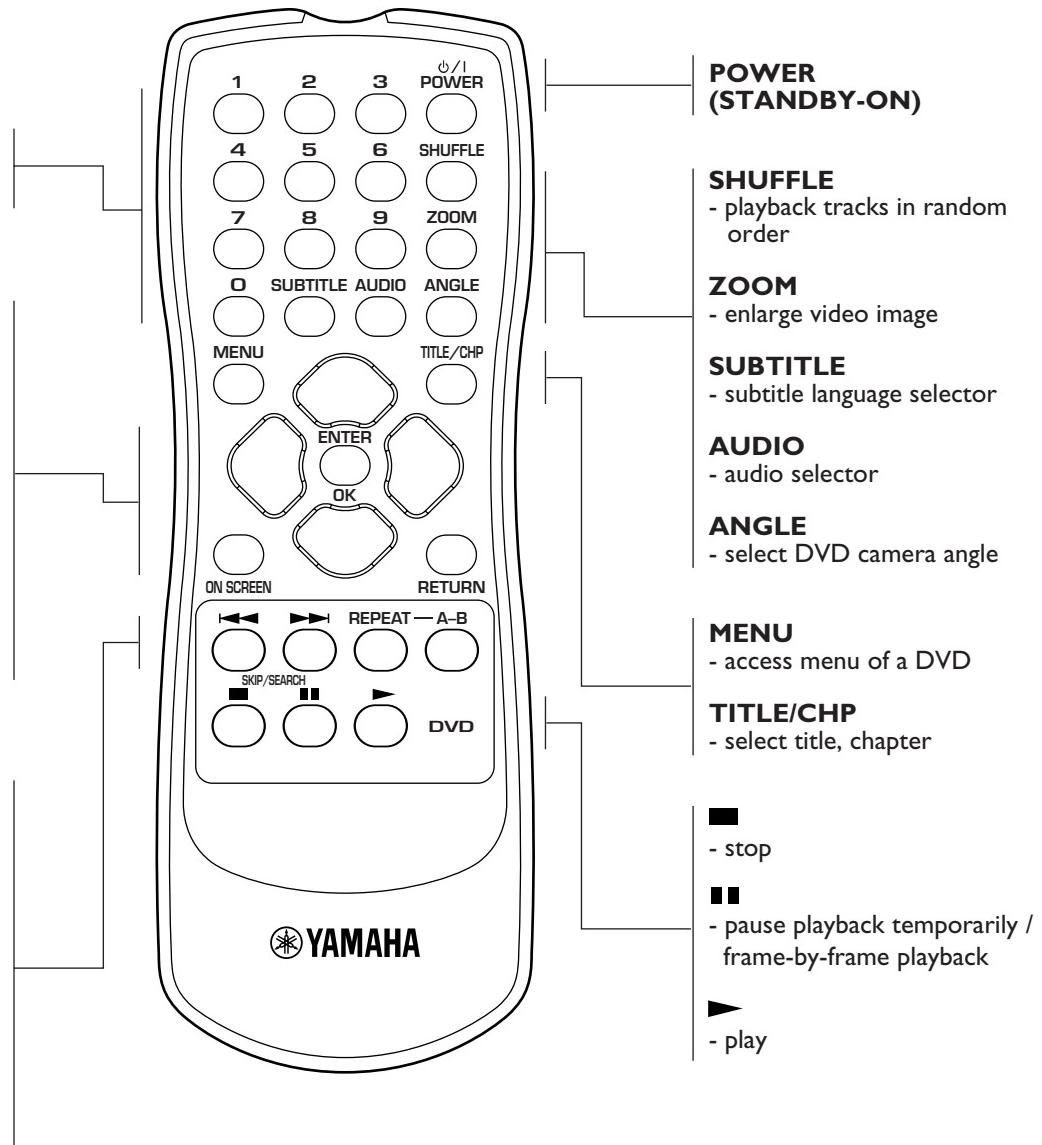
*
- search forward /
next chapter or track

REPEAT

- repeat chapter, track, title,
disc

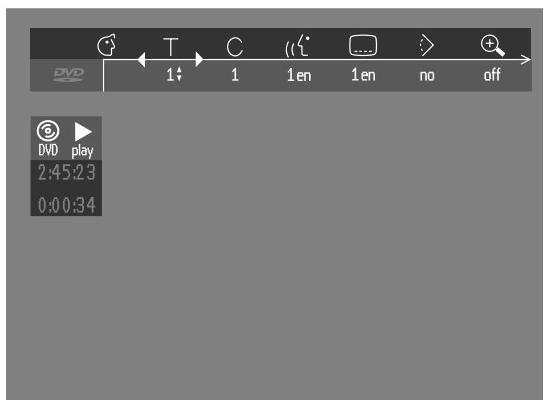
REPEAT A-B

- repeat sequence



* Press key for about 2 seconds

On screen display information



Menu bar/Status window

	Personal Preferences		Slow motion
	Title/Track		Fast motion
	Chapter/Index		Time search
	Audio		
	Subtitle language		
	Angle		
	Zoom		
	Video Program		
	Sound		
	Picture by Picture		



Status window icons

The status window displays the current status of the player and appears with the first part of the menu bar. (You must activate this in the Features Menu - see Personal Preferences for details).

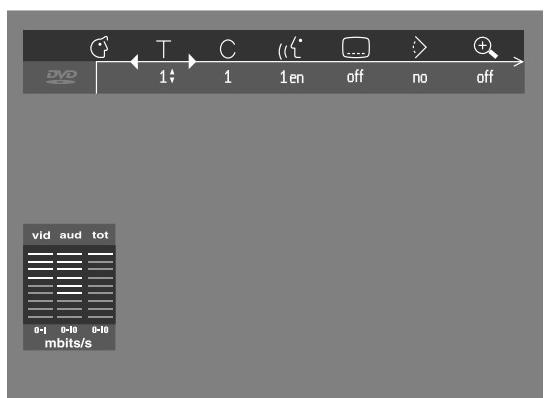
General



Disc type



Tray status



Bit Rate Indicator

When activated, the bit rate for video, audio as well as total bit rate is displayed. This is only applicable during playback of DVD & SVCD discs.

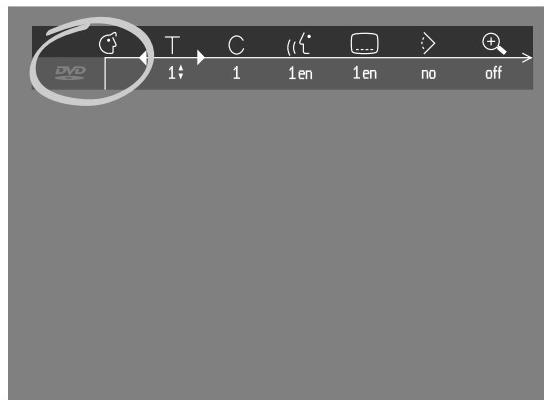
- To activate this, hold down ON SCREEN about two seconds.



Default screen

The default screen is displayed when the player is in STOP mode. It may contain a 'Status Window' and a 'Temporary Feedback Field'. This gives information concerning prohibited actions, playback modes, available angles, etc.

Temporary Feedback Field icons



- | | |
|--|-------------------|
| | Repeat All |
| | Repeat Title |
| | Repeat Track |
| | Repeat Chapter |
| | Shuffle |
| | Shuffle Repeat |
| | Repeat A to end |
| | Repeat A-B |
| | Angle |
| | Child Lock On |
| | Child Safe |
| | Resume |
| | Action prohibited |

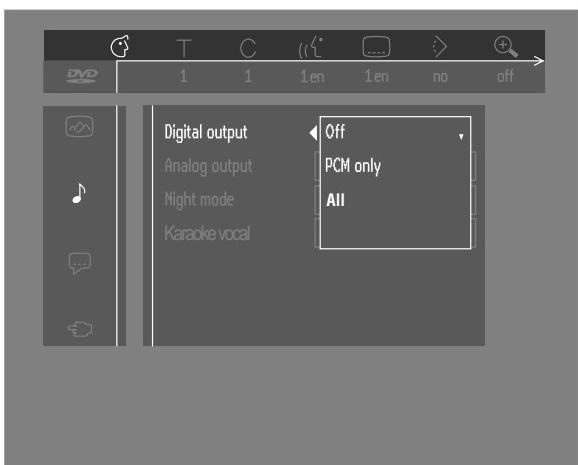
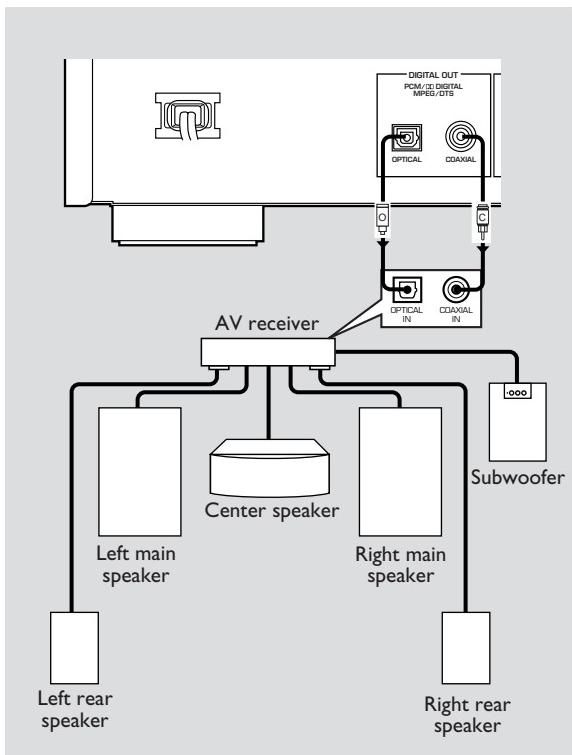
Preparation

General notes

- Depending on the equipment you wish to connect, there are various ways you could connect the player. Possible connections are shown in the following drawings.
- Please refer to the manuals of other equipment as necessary to make the best connections.
- Do not connect your DVD-player via your VCR. The video quality could be distorted by the copy protection system.

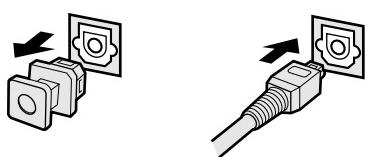
Digital Connections

Your DVD-Player has COAXIAL and OPTICAL digital out jacks. Connect one or both of them to your AV receiver equipped with Dolby digital, DTS, or MPEG decoder using each specific cable (separate purchase).



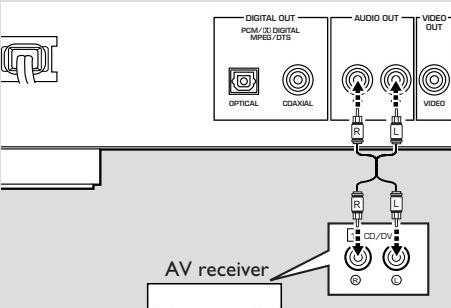
You will need to activate the player's digital output (see 'Personal Preferences').

Note: If the audio format of the digital output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all. Make sure to select the appropriate audio format at menu screen included on the disc. Pressing AUDIO once or more may change not only audio languages but also audio formats, and the selected format appears for several seconds on the status window.



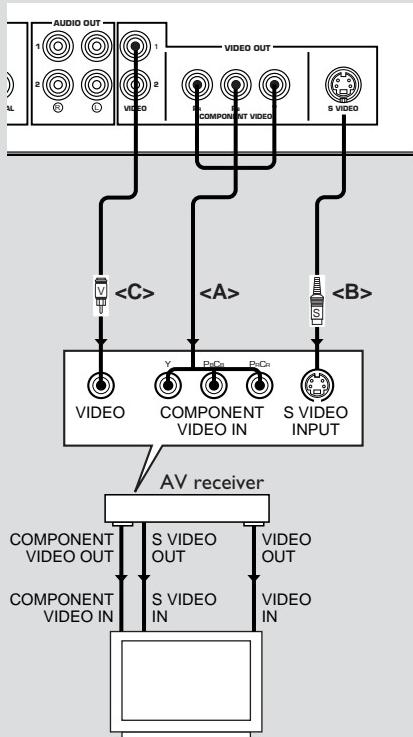
When connecting the optical fiber cable

- Remove the cover when using the OPTICAL jack. Keep the cover and attach it when the jack is not being used to protect it from dust.
- Bend an optical cable as little as possible.
- Use commercially available optical fiber cable that conforms to EIA standards. Other cables may not function correctly.



Analog Connections

Connect AUDIO OUT L (left) and R (right) jacks of this DVD player to corresponding input jacks of your audio equipment such as AV receiver.



Video Connections

If your AV receiver has video output jacks, connect your receiver (and then to your TV) so that you can use one TV for several different video sources (LD,VCR etc.) by simply switching the input source selector of your receiver. This DVD player has three types of video output jacks. Use one of them in accordance with the input jacks of the equipment to be connected.

Component Video terminal <A>

Component video connection achieves high fidelity in reproducing colors (better performance than S-video connection), separating video signal into luminance (Y, terminal color-coded as green), and color difference (P_B, blue/P_R, red). Use commercially available coaxial cables. Receiver (and TV) with component input is required. Observe the color of each jack when connecting. If your receiver does not have component output jacks, connecting this DVD player's component output directly to your TV's component input can reproduce better video image.

Note

- Do not connect this DVD player's COMPONENT VIDEO OUT jacks to component video input jacks special for HD (High-Definition) TV.

S-Video terminal

S (separate) video connection achieves a clearer picture than composite video connection by separating color and luminance when transmitting signals. Use commercially available S-video cable. Receiver (and TV) with S-video input is required.

Composite Video terminal (1, 2) <C>

Use RCA video cable supplied with this DVD player when connecting this DVD player to a TV.
VIDEO 1, 2 jacks of VIDEO OUT output the same signal. You can connect one to your receiver's input using supplied RCA cable, and the other to another receiver or a TV.

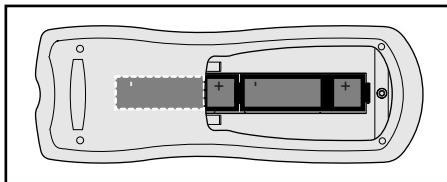
Connecting the power cord

After completing all connections, connect the AC power cord to an AC power outlet

Note: When the player is in the "STANDBY" mode, it is still consuming some power. If you wish to disconnect your player completely from the power, press the POWER button.

Caution: Only qualified service personnel should remove the cover or attempt to service this device.

Remote control battery installation



Loading the batteries

- 1 Open the battery compartment cover.
- 2 Insert batteries as indicated inside the battery compartment.
- 3 Close the cover.

Caution: Do not mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.).

NTSC/PAL Settings

You can switch the NTSC/PAL setting of the DVD player to match the video signal of your TV. This setting only affects the television's on-screen display that shows the stop and setup modes. You may select either NTSC or PAL. To change the DVD player setting to PAL or NTSC, follow the steps below.

- 1 Press the POWER button on the front panel of the DVD player to turn off the DVD player.
- 2 Press and hold ■ and ▶▶/◀◀ on the front of the DVD player. While holding ■ and ▶▶/◀◀, press the POWER button.
- 3 After PAL or NTSC appears on the display panel of the DVD player, release ■ and ▶▶/◀◀ at the same time. The PAL or NTSC that appears on the display panel indicates the current setting.
- 4 To change the setting, press ▶▶/◀◀ within three seconds. The new setting (PAL or NTSC) will appear on the display panel.

General explanation

About this manual

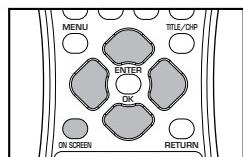
This manual gives the basic instructions for operating this DVD player. Some DVDs require specific operation or allow only limited operation during playback. In these cases, the player may not respond to all operating commands. When this occurs, please refer to the instructions contained with the DVD. When the symbol  appears on the TV screen, the operation is not permitted by the player or the disc.

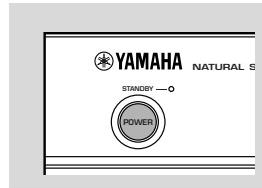
Remote control operation

- Unless otherwise stated, all operations can be carried out with the remote control. Always point the remote control directly at the player, making sure there are no obstructions in the path of the infrared beam.
When there are corresponding keys on the front panel of the player, they can also be used.

Menu bar operation

- A number of operations can be carried out via the menu bar on the screen. The menu bar can be accessed by pressing any of the following keys on the remote control: ON SCREEN, TITLE/CHP, ANGLE, AUDIO, SUBTITLE and ZOOM.
- The following functions are available via the menu bar:
 -  Personal Preferences
 -  Title/Track
 -  Chapter/Index
 -  Audio
 -  Subtitle language
 -  Angle
 -  Zoom
 -  Video Program
 -  Sound
 -  Picture by Picture
 -  Slow motion
 -  Fast motion
 -  Time search
- The various items can be selected by pressing the ON SCREEN button, then the / keys or by pressing relevant keys on the remote control.
- Pressing ON SCREEN while the menu bar is displayed will clear the menu bar from the screen.
- When selecting an item in the menu bar, the selected item will be highlighted and the appropriate cursor keys to operate this item will be displayed below the icon.
- < or > indicates that more items are available at the left/right of the menu bar. Press  or  to select these items.





Turning On the power

- 1 Switch on the TV and select the video input channel for your DVD-Video player.
- 2 Press POWER button.

Initial Setup

General

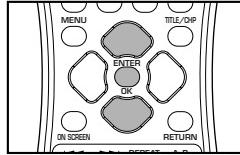
In 'Initial Setup' you may have to set your preferences for some of the player's features. (not applicable for all models)

Operation

After switching on the player for the very first time, the 'Initial Setup Screen' will appear.

The menu for the first item to be set is displayed and the first option is highlighted.

- Use the ▼ ▲ keys to go through the options in the menu.
The icon of the selected option will be highlighted.
- Use OK to confirm your selection and to go to the next menu.



* Menu items vary between models

Note: Preferences have to be set in the order in which the item menus will appear on the screen.

The 'Initial Setup' screen will only disappear after the settings for the last item have been confirmed.

If any keys other than ▼ ▲ or OK are pressed, ✗ will appear on the screen.

If the player is switched off while setting personal preferences, all preferences have to be set again after switching the player on again.

The following items may have to be set in Initial Setup:

Menu language

The On Screen Menus will be displayed in the language you choose.
You can choose from different languages.

Audio language

The sound will be in the language you choose if it is available on the disc in play. If the language you select is not available, speech will revert to the first spoken language on the disc. You can choose from different languages.

Subtitle language

The subtitles will be in the language you choose if it is available on the disc in play. If the language you select is not available, subtitles will revert to the first subtitle language on the disc. You can choose from different languages.

TV Shape

If you have a wide screen (16:9) TV, select 16:9.

If you have a regular (4:3) TV, select 4:3.

If you have a 4:3 TV, you can also select between:

Letterbox for a 'wide-screen' picture with black bars top and bottom, or Pan Scan, for a full-height picture with the sides trimmed. If a disc has Pan Scan, the picture then moves (scans) horizontally to keep the main action on the screen.



* Menu items vary between models